

The Biomedical Translational Research Information System

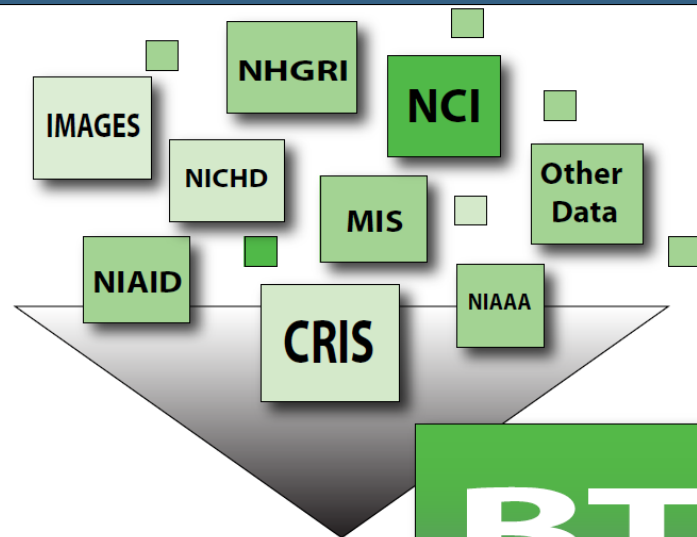
Introduction to **BTRIS**

July 2014

Introduction to BTRIS

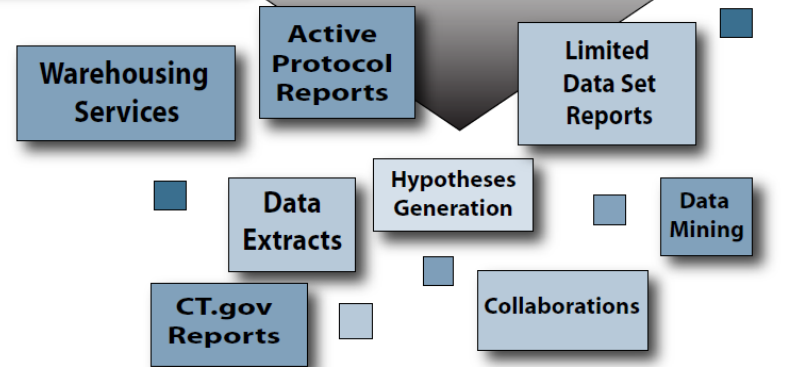
- Welcome to this introduction to BTRIS (pronounced BEE-triss)
- BTRIS is a an application that provides access to clinical research data collected at the NIH
- It has a data repository and a user interface that allows NIH researchers to access data from their own active protocols and data (in de-identified form) across all protocols

BTRIS – A Research Tool



BTRIS allows access to data from multiple sources.

BTRIS allows users to download data for a variety of uses.




Using Data From BTRIS

- Data sets can be downloaded into other programs for further analysis
 - Microsoft Excel
 - Microsoft Access
 - Statistical analysis programs like SAS and SPSS
- Data are available in identified format (with personal identifiers) and limited data set (no personal identifiers) formats

Who Uses BTRIS?

- There are different types of users:
 - Researchers managing data for active protocols
 - Researchers posing questions for hypothesis development
 - Data managers monitoring protocols for quality assurance purposes
 - Data extractors who download data for use by institute researchers

BTRIS Home Page

**BIOMEDICAL TRANSLATIONAL
RESEARCH INFORMATION SYSTEM**
■ National Institutes of Health ■

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The Biomedical Translational Research Information System (BTRIS) is a resource available to the NIH intramural community that brings together clinical research data from the Clinical Center and other NIH Institutes and Centers. BTRIS provides clinical investigators with access to identifiable data for the subjects on their own active protocols, while providing all NIH investigators with access to data without personal identifiers across all protocols. Data are available from 1976 to the present.

BTRIS Functions

Active Protocols

- Reports by protocol
- Labs, medications, documentation, images
- Download files for analysis

Hypothesis Generation

- Query data without personal identifiers
- 1976 to the present

Subject Attribution

- Check protocol attribution
- Add subjects based on signed consents
- Set preferences for notifications

Clinical Trials Reporting

- FDAAA compliance made easy

About BTRIS
[>> BTRIS Town Hall 2013](#)
[>> Introduction to BTRIS](#)
[>> BTRIS Videos](#)

Active Protocol Data is available in identified format to NIH intramural research team members associated with a protocol. View [Introduction to BTRIS](#) for additional details.

Hypothesis Generation allows NIH intramural researchers to access clinical research data without personal identifiers from the NIH Clinical Center systems from 1976 to the present. For an overview of BTRIS Data Without Personal Identifiers see <https://www.youtube.com/watch?v=5yHIVSMew7k>

Subject Attribution is managed through a custom application called Preferences. Users can confirm the association of a subject with an active protocol, or set thresholds for notifications and permissions related to secondary data use.

ClinicalTrials.gov allows NIH intramural researchers to assemble and format data required for FDAAA reporting compliance (use this link <http://clinicaltrials.gov/ct2/manage-recs/fdaaa>). Once the filing materials are complete in BTRIS, the user may automatically upload the file to ClinicalTrials.gov

This page is found at <http://btris.nih.gov>

BTRIS Internet Page

BIOMEDICAL TRANSLATIONAL RESEARCH INFORMATION SYSTEM
National Institutes of Health

Home

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 - Reports by protocol
 - Labs, medications, documentation, images
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- Hypothesis Generation**
 - Query data without personal identifiers
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About BTRIS

- >> [BTRIS Town Hall 2013](#)
- >> [Introduction to BTRIS](#)
- >> [BTRIS Videos](#)

Select the “Staff Only” link.

BTRIS Intranet Page



BIOMEDICAL TRANSLATIONAL RESEARCH INFORMATION SYSTEM

National Institutes of Health


HomeUser GuidesReferencesTechnical InfoAbout UsContact UsSearch Results

Applications

- Identified Reports
- Limited Data Set Reports
- Subject Attribution
- BTRIS ClinicalTrials.gov

Links

- OHSRP Human Subjects Research
- PQS Protocol Query System
- LID Lab for Informatics Dev.
- BTRIS SIG Special Interest Group



BTRIS - Your Search Begins Here

Tools for Clinical Research


Active Protocol DataHypothesis GenerationSubject AttributionClinical Trials Reporting

« » »»


The Biomedical Translational Research Information System (BTRIS) is a resource available to the NIH intramural community that brings together clinical research data from the Clinical Center (CRIS) and other NIH Institutes and Centers research systems. BTRIS is designed to help clinical researchers retrieve data related to active clinical trials, run limited data set queries for hypothesis testing, attribute to subjects to protocols and assist with mandatory reporting to ClinicalTrials.gov

BTRIS Code of Conduct and Disclaimer


System Status Dashboard (6/5/14)



User Status



Extractors Status



System Status

- User Status - Identified and Limited Data Set Reports:** Green - Data loaded, report performance good; Yellow - Some data not loaded, reports running slowly; Red - System not available

Publications

Publications Powered by BTRIS Reports

- Publications as of October 2013

Publications About BTRIS

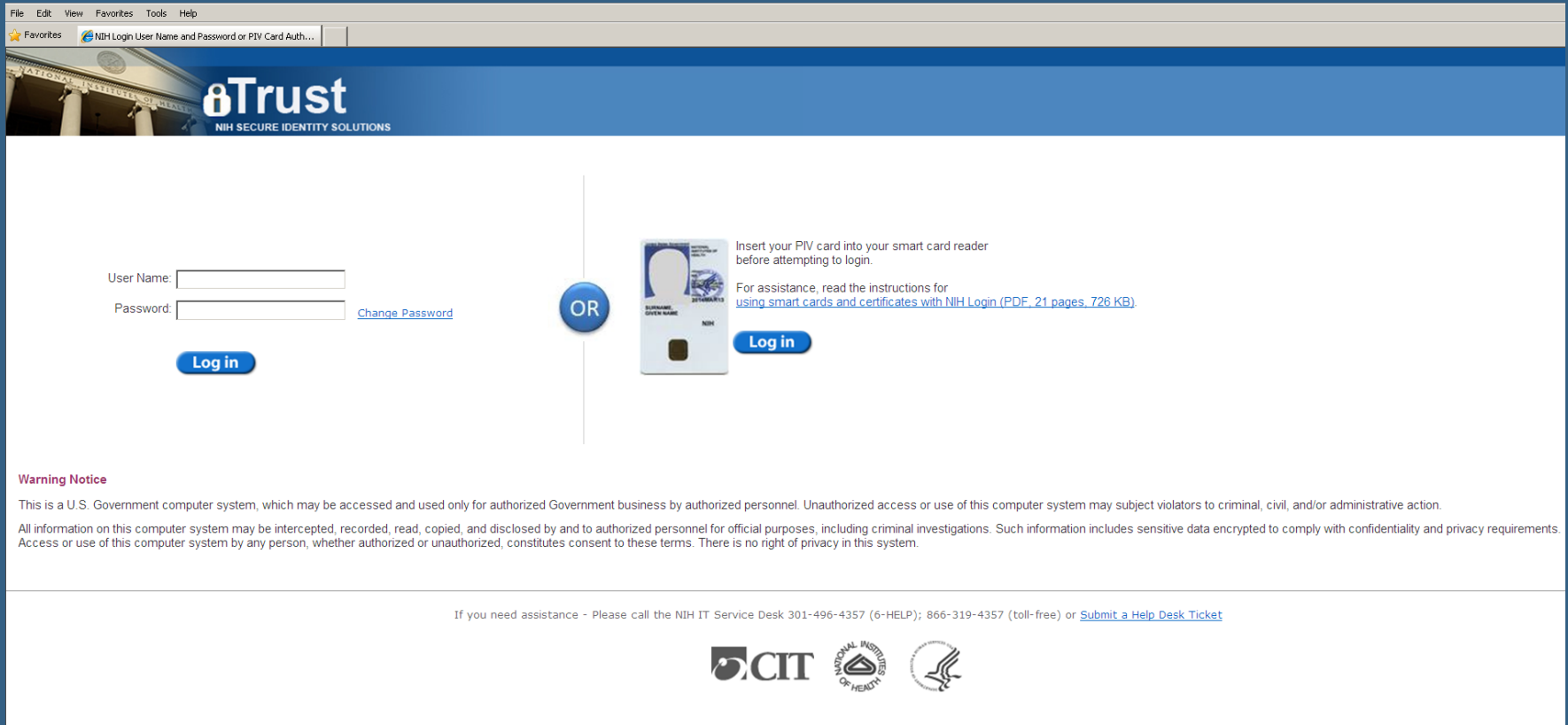
- Publications as of January 2014

Access to BTRIS Applications



- From this point you can select a BTRIS application.
- We will begin with subject attribution and ClinicalTrials.gov .

Application Links Lead to BTRIS Log-in



The screenshot shows a web browser window with the address bar displaying "NIH Login User Name and Password or PIV Card Auth...". The page header features the "8Trust" logo and the text "NIH SECURE IDENTITY SOLUTIONS". The main content area has two login options: a standard username/password login and a PIV card login. The username/password login includes fields for "User Name:" and "Password:", a "Change Password" link, and a "Log in" button. The PIV card login includes an "OR" separator, an image of a PIV card, instructions to insert the card into a smart card reader, a link to a PDF of instructions, and a "Log in" button. A "Warning Notice" is displayed below the login options, stating that the system is a U.S. Government computer system and that unauthorized access is prohibited. At the bottom, there is a link to a help desk ticket and logos for CIT, the National Institutes of Health, and the Department of Health & Human Services.

File Edit View Favorites Tools Help

NIH Login User Name and Password or PIV Card Auth...

8Trust
NIH SECURE IDENTITY SOLUTIONS

User Name:

Password: [Change Password](#)

Log in

OR

Insert your PIV card into your smart card reader before attempting to login.

For assistance, read the instructions for [using smart cards and certificates with NIH Login \(PDF, 21 pages, 726 KB\)](#)




Log in

Warning Notice

This is a U.S. Government computer system, which may be accessed and used only for authorized Government business by authorized personnel. Unauthorized access or use of this computer system may subject violators to criminal, civil, and/or administrative action.

All information on this computer system may be intercepted, recorded, read, copied, and disclosed by and to authorized personnel for official purposes, including criminal investigations. Such information includes sensitive data encrypted to comply with confidentiality and privacy requirements. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms. There is no right of privacy in this system.

If you need assistance - Please call the NIH IT Service Desk 301-496-4357 (6-HELP); 866-319-4357 (toll-free) or [Submit a Help Desk Ticket](#)

Log-in to BTRIS using your NIH user name and password or your PIV card and PIN.

Preferences

BTRIS Preferences allow users to complete the following functions on their own:

- Attribute subjects to a protocol
- File a ClinicalTrials.gov report
- NOTE – the BTRIS team assists users with adding users based on their research role
- *We will attribute a subject to a protocol*

Subject Attribution



BIOMEDICAL TRANSLATIONAL RESEARCH INFORMATION SYSTEM

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[Home](#) > [Subject Attribution & Designee Assignment](#)

NIH BTRIS
[BTRIS Preferences](#)
[BTRIS Data Access](#)

Resources
[Training & User Guides](#)
[Presentations](#)

BTRIS Preferences

By logging in, I have agreed to the terms and conditions in the [BTRIS Code of Conduct](#) and [Disclaimer](#).

Protocol Number	Title	Status Unverified / Verified / Not on Protocol	IRB Ceiling	Role	Attribute Subjects	Assign Designee	Submit Data to CT.Gov
BTRIS-TEST-01	Btris Internal Test Protocol-01	1 / 21 / 1		Pi Designee	View	View	View

* Terminated Protocol



- The main page of Preferences displays the protocols you may access.
- To attribute subjects select the view button under the “attribute subjects” column.

Verification

BTRIS Preferences

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Protocol Number	Title	Status Unverified / Verified / Not on Protocol	IRB Ceiling	Role	Attribute Subjects	Assign Designee	Submit Data to CT.Gov
BTRIS-TEST-01	Btris Internal Test Protocol-01	1 / 21 / 1		Pi Designee	View	View	View

* Terminated Protocol

Verify Subject Attribution --> BTRIS-TEST-01 - BTRIS Internal Test Protocol-01

[Add Subjects](#)

[Download Subjects](#)

[Save Changes](#)

[Hide 'Not On Protocol'](#)

(Please remember to save your selections)

Status Unverified / Verified / Not on Protocol	MRN	Name	DOB	Gender	Source	Initial Consent	Other Active Protocols For Subject: Total (Protocol #)
<input checked="" type="radio"/> / <input type="radio"/> / <input type="radio"/>	4063995	Nihcctest, Patient Mis Preadmit	9/13/1961	Male	BTRIS Preferences		3 (BTRIS-TEST-00...)
<input type="radio"/> / <input checked="" type="radio"/> / <input type="radio"/>	4026809	Ccnihtest, Patientbl Mis	8/1/1975	Female	BTRIS Preferences		6 (00-CH-0093...)
<input type="radio"/> / <input checked="" type="radio"/> / <input type="radio"/>	1649498	Direct, New Outpatient	8/19/1938	Female	BTRIS Preferences		BTRIS-TEST-04


- A subject on a protocol has a status of “verified”, “unverified” or “not on protocol”

Verification Status

<u>Status</u>		
<u>Unverified / Verified /</u>		
<u>Not on Protocol</u>		
<input type="radio"/>	/	<input checked="" type="radio"/>
<input type="radio"/>	/	<input checked="" type="radio"/>
<input type="radio"/>	/	<input checked="" type="radio"/>

- Selecting the middle radio button changes the subject status to verified.
- Only subjects with signed consents should be verified.
- Subjects must have a verified status to be included in reports.

Access BTRIS Applications



BIOMEDICAL TRANSLATIONAL RESEARCH INFORMATION SYSTEM

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Home > [Subject Attribution & Designee Assignment](#)

NIH BTRIS
[BTRIS Preferences](#)
[BTRIS Data Access](#)

BTRIS Preferences

By logging in, I have agreed to the terms and conditions in the [BTRIS Code of Conduct](#) and [Disclaimer](#).

Number	Title	Status Unverified / Verified / Not on Protocol	IRB Ceiling	Role	Attribute Subjects	Assign Designee	Submit Data to CT.Gov
BTRIS-TEST-01	Btris Internal Test Protocol-01	1 / 21 / 1		Pi Designee	View	View	View

* Terminated Protocol

Resources
[Training & User Guides](#)
[Presentations](#)

We will now move to BTRIS Data Access to run identified data reports for active protocols.

Use Data Access for Reports

BTRIS Data Access BTRIS_TEST2

Home Active Protocol Data NIH Limited Data Set Reports User Guides References My Folders

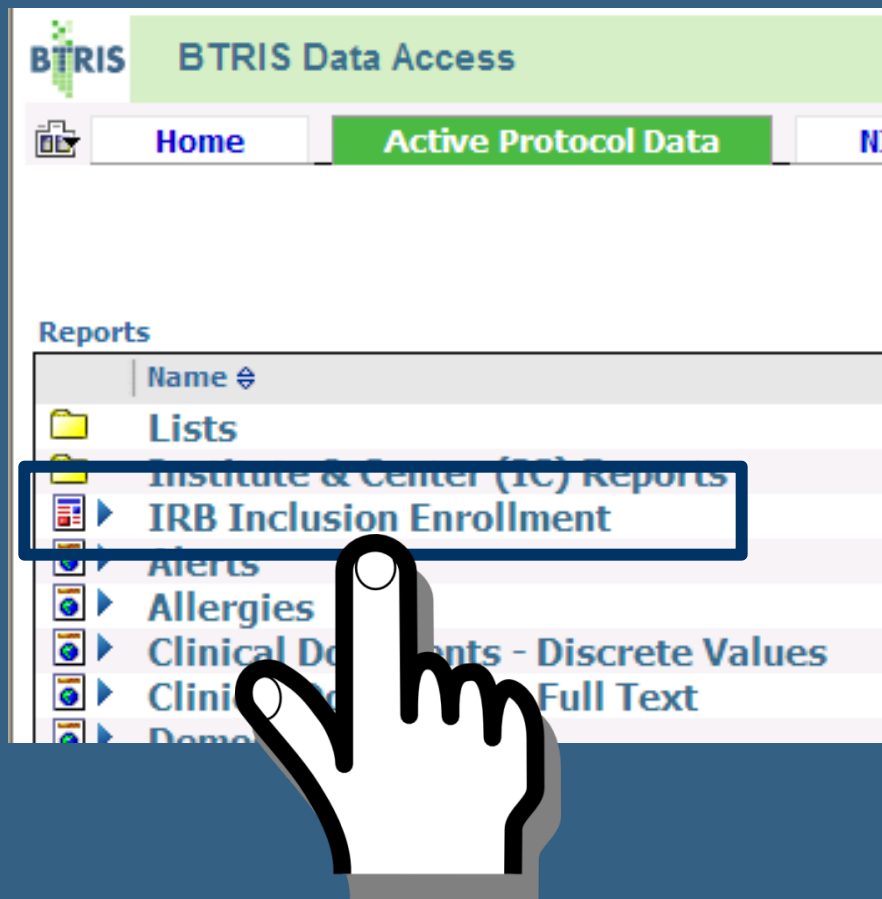
Click a report name to open a report

Reports

Name
Lists
Administrative Reports
Institute & Center (IC) Reports
LID
Alerts
Allergies
Demographics
Diagnosis & Procedure
Echocardiogram
EKG
Pathology
CBC Panel
Chem 20 Panel
Medication
Radiology with Images
Transfusion
Vital Signs

- Selecting the “Active Protocol Data” tab displays the available reports.
- Reports can be used for one protocol or multiple protocols.

Run a Report



- Select the IRB Inclusion Enrollment report by clicking on the name of the report.

Report Prompt Page

IRB Inclusion Enrollment Report

Please select one Protocol Number first (this selection is mandatory) and all other prompts are optional. When you finish all your selection, please click "Run Report" button below to start running the report.

Cancel

Run Report

Please Select One Protocol Number

The number in () indicates the verified subjects in the protocol.
Reports will include data on ONLY verified subjects.

You can verify, exclude or add subjects in [BTRIS](#)
[Preferences](#)

*
09-CC-1234 -- No subjects identified
09-CC-9980 -- No subjects identified
09-CC-9990 -- No subjects identified
09-CC-9999 -- No subjects identified
09-CC-N137 -- No subjects identified
09-CC-N202 -- All 1516 verified
09-CH-0059 -- (27 of 40 verified)
09-CH-0085 -- All 15 verified
09-CH-0085 -- All 6 verified
09-CH-0180 -- (11 of 12 verified)
09-CH-0185 -- All 35 verified

(Optional) Please Enter Range for Subject Initial Consent Date

From: 

To: 

The date filter in the IRB report is derived using the 'Initial Consent Date' of the subject, and if the 'Initial Consent Date' is not available, the start date of the protocol is used.
The 'Initial Consent Date' can be viewed for subjects in the protocol in the Demographics Report

- Select the protocol from the list.
- Adding beginning and end dates is optional.
- Select the "Run Report" button.

IRB Inclusion Report

- Report includes all verified subjects in the protocol
- Report is created in a PDF format

Cumulative Inclusion Enrollment Report

This report format should NOT be used for data collection from study participants

Is the NIH site responsible for conducting and coordinating the overall clinical study across multiple study sites (i.e. coordinating site)?

- ☐ Yes provide the numeric distribution (not percentages) for the total number of participants planned for the study. Provide separate tables for the following: 1) NIH CC Site, 2) All Other Domestic Sites Combined, and 3) Foreign Sites Combined. For additional guidance, see: http://nih-extramural-intranet.od.nih.gov/nih/topics/inclusionowa_main.htm

- ☒ No complete the table only for the NIH CC site.

Select Site: NIH CC Site

Principal Investigator:

Study Title: BTRIS Internal Test Protocol-03

Total Enrollment: 27

Protocol Number: BTRIS-TEST-03

NIH/CC	Other Domestic Sites	Foreign Sites	Total
			Accrual Ceiling
			New Subject Since Last CR
27			27 Aggregate Total Accrued

Racial Categories	Ethnic Categories									Total
	Not Hispanic or Latino			Hispanic or Latino			Unknown/Not Reported Ethnicity			
	Female	Male	Unknown/ Not Reported	Female	Male	Unknown/ Not Reported	Female	Male	Unknown/ Not Reported	
American Indian/ Alaska Native	0	1	0	1	0	0	0	1	0	3
Asian	0	0	0	1	0	0	0	0	0	1
Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
Black or African American	3	5	0	0	1	0	0	1	0	10
White	0	5	0	1	0	0	1	0	0	7
More Than One Race	0	1	0	0	0	0	0	0	0	1
Unknown or Not Reported	0	0	0	0	1	0	2	2	0	5
Total	3	12	0	3	2	0	3	4	0	27

Generated by BTRIS on: Jul 21, 2014

Run a Chem 20 Report

BTRIS BTRIS Data Access

Home Active Protocol Data NIH Limited Data Set Reports

Reports

Name
Lists
Administrative Reports
Institute & Center (IC) Reports
IRB Inclusion Enrollment
Alerts
Allergies
Clinical Documents - Discrete Values
Clinical Documents - Full Text
Demographics
Diagnosis & Procedure
Echocardiogram
EKG
CBC Panel
Chem 20 Panel
Laboratory
Laboratory - Pivot
Laboratory - Serial Tests
Microbiology
Medication
Pathology
Radiology with Images
Transfusion
Vital Signs

- From the “*Active Protocol*” tab select the Chem 20 Panel Report.
- To select click on the name of the report.

Report Prompt Page

Chem 20 Report

Select "Protocol Number (s)" first (mandatory). All other prompts are optional. After completing desired prompts, click "Run Report" to begin running report.

Cancel

Run Report

Please select one or more Protocol Number(s) The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#)

(Optional) Please Click 'Subject List' to Display and Select One or More Subject(s)/MRN(s)

Subject List

* 09-C-1234 -- All 13 verified
09-C-9990 -- The sole subject in the study is ver
09-CC-0135 -- All 36 verified
09-CC-0186 -- (58 of 59 verified)
09-CC-0217 -- (28 of 35 verified)
09-CC-N202 -- All 1561 verified
09-CH-0059 -- (27 of 40 verified)
09-CH-0063 -- All 19 verified
09-CH-0085 -- All 6 verified
09-CH-0180 -- (11 of 12 verified)
09-CH-0185 -- All 35 verified

[Select all](#) [Deselect](#)

(Optional) Please enter Collected Date range

From: 
To: 

* 09-C-1234 -- All 13 verified
09-C-9990 -- The sole subject in the study is ver
09-CC-0135 -- All 36 verified
09-CC-0186 -- (58 of 59 verified)
09-CC-0217 -- (28 of 35 verified)
09-CC-N202 -- All 1561 verified
09-CH-0059 -- (27 of 40 verified)
09-CH-0063 -- All 19 verified
09-CH-0085 -- All 6 verified
09-CH-0180 -- (11 of 12 verified)
09-CH-0185 -- All 35 verified

[Select all](#) [Deselect all](#)

- Select the protocol or protocols to include in the report.
- Date ranges can be used.

Chem 20 Report

Subject Count: 13

Record Count: 422

HH H N L LL AA

Protocol Number	MRN	Subject Name	Initial Consent Date	Order Name	Collected Date	Sodium - Na (mmol/L)	Potassium - K (mmol/L)	Chloride - Cl (mmol/L)	CO2 - Bicarbonate (mmol/L)	Urea Nitrogen - BUN (mg/dL)	Creatinine (mg/dL)
BTRIS-TEST-03	4127614	NIHCCTEST, PATIENTBGJ MISS		PANEL	Jul 6, 2006 10:53:00 AM					5	6.0
BTRIS-TEST-03	4127614	NIHCCTEST, PATIENTBGJ MISS		Creatinine Clearance	Jul 6, 2006 10:54:00 AM						4.0
BTRIS-TEST-03	4127614	NIHCCTEST, PATIENTBGJ MISS		Chem 20 Panel	Jul 20, 2006 7:48:00 AM	136	4.2	102	24	15	1.2
BTRIS-TEST-03	4122264	NIHCCTEST, PATIENTBN MIS		Chem 20 Panel	Feb 7, 2006 10:23:00 AM	140	3.5	100	23	10 .	1.5
BTRIS-TEST-03	4122264	NIHCCTEST, PATIENTBN MIS		Glucose,WB	Oct 13, 2006 8:19:00 AM						
BTRIS-TEST-03	3981770	NIHCCTEST, PATIENTBO MIS		Acute Care	Jun 1, 2005 8:51:00 PM	120	5.0	131	20	5	8.0

- Abnormal results are color-coded.
- Results can be downloaded on to a spreadsheet.

Run a Laboratory Report

The screenshot shows the BTRIS Data Access web application. At the top, there is a green header bar with the BTRIS logo and the text "BTRIS Data Access". Below this, there is a navigation bar with three tabs: "Home", "Active Protocol Data" (which is highlighted in green), and "NIH Limited Data Set Reports". Below the navigation bar, there is a section titled "Reports" with a list of report categories. The "Laboratory" category is highlighted with a blue box. The list of reports includes: Lists, Administrative Reports, Institute & Center (IC) Reports, IRB Inclusion Enrollment, Alerts, Allergies, Clinical Documents - Discrete Values, Clinical Documents - Full Text, Demographics, Diagnosis & Procedure, Echocardiogram, EKG, CBC Panel, Chem 20 Panel, Laboratory, Laboratory - Pivot, Laboratory - Serial Tests, Microbiology, Medication, Pathology, Radiology with Images, Transfusion, and Vital Signs.

BTRIS Data Access

Home Active Protocol Data NIH Limited Data Set Reports

Reports

- Lists
- Administrative Reports
- Institute & Center (IC) Reports
- IRB Inclusion Enrollment
- Alerts
- Allergies
- Clinical Documents - Discrete Values
- Clinical Documents - Full Text
- Demographics
- Diagnosis & Procedure
- Echocardiogram
- EKG
- CBC Panel
- Chem 20 Panel
- Laboratory**
- Laboratory - Pivot
- Laboratory - Serial Tests
- Microbiology
- Medication
- Pathology
- Radiology with Images
- Transfusion
- Vital Signs

• From the “Active Protocol” tab select the Laboratory Report.

Laboratory Report Prompt Page

Laboratory Report

Select Protocol Number (s) and Report Format first (mandatory). All other prompts are optional. After completion, click Run Report.

[Cancel](#) [Run Report](#)

Please select one or more Protocol Number(s). The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#).

* BTRIS-TEST-00 -- (33 of 35 verified)
BTRIS-TEST-01 -- (21 of 22 verified)
BTRIS-TEST-02 -- (12 of 31 verified)
BTRIS-TEST-03 -- All 32 verified
BTRIS-TEST-04 -- All 20 verified
BTRIS-TEST-05 -- (16 of 17 verified)
CGD
CGD - KM
CGD/Jobs - CS
DeNovo
HEV Workplace

[Select all](#) [Deselect all](#)

(Optional) Please Click 'Subject List' to Display and Select

Subject List

Report Format

* Standard Format

(Optional) Please click "Search" to

[Search](#)

(Optional) Please enter Collected

From: Jan 1, 2012

(Optional) Please enter Range for Numeric Values

From: To:

(Optional) Please enter the number of days relative to subject Initial Consent Date

- Select the protocol.
- Select the date ranges for the report – this report will include data from January 1, 2012 to the present.

Laboratory Report Prompt Page

Laboratory Report

Select Protocol Number (s) and Report Format first (mandatory). All other prompts are optional. After completing desired prompts, click "Run Report".

Cancel

Run Report

Please select one or more Protocol Number(s) The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#)

(Optional) Please Click 'Subject List' to Display and Select One or More

Subject List

* AGH
BTRIS-TEST-00 -- (33 of 35 verified)
BTRIS-TEST-01 -- (21 of 22 verified)
BTRIS-TEST-02 -- (12 of 31 verified)
BTRIS-TEST-04 -- All 20 verified
CGD
CGD - KM
CGD/Jobs - CS
mondMAC
Test with spaces
Test-List2

[Select all](#) [Deselect all](#)

•Search for specific laboratory test results.

Report Format

* Standard Format

(Optional) Please click "Search" to find and select Labs

Search

(Optional) Please enter Collected Date range

From: Jan 1, 2012 To:

(Optional) Please enter Range for Numeric Values

From: To:

(Optional) Please enter the number of days relative to subject Initial Consent Date

Searching the Dictionary

The screenshot shows the 'Research Entities Dictionary' search interface. On the left, there is a 'Select Protocol' section with a list of protocols including AGH, BTRIS-TEST-00 through BTRIS-TEST-04, CGD, CGD - KM, CGD/Jobs - CS, monoMAC, Test with spaces, and Test-List2. Below this is a 'Report Format' section with a dropdown menu set to 'Standard Format' and a 'Search' button. The main search area has a text input field containing 'magnesium', a 'Search Type' dropdown set to 'Contains all of these keywords', and a 'Search' button. Below the search bar, it says 'Search results retrieved: 131'. A list of search results is displayed, including 'Magnesium Test', 'Total Magnesium Intravascular Test', 'Magnesium Urine Test', 'Ionized Magnesium Intravascular Test', 'Magnesium Cerebrospinal Fluid', 'Mineral Four-Component (Calcium, Magnesium Panel)', 'Magnesium Intravascular Panel', 'Magnesium Urine Panel', and 'Magnesium Cerebrospinal Fluid'. Below the list, there are navigation buttons '<< PREV', '1', and 'NEXT >>'. A 'Remove All' button is also present. A 'Selections' section shows two selected items: 'Magnesium Urine Test' and 'Ionized Magnesium Intravascular Test'. At the bottom right, there is a 'Return to Report' button. A blue callout box with three bullet points is overlaid on the right side of the interface, with arrows pointing to the search input, the search results list, and the 'Return to Report' button.

Please select one or more Protocol Number subjects in the protocol. Reports will include data exclude or add subjects in [BTRIS Preferences](#)

AGH
BTRIS-TEST-00 -- (33 of 35 verified)
BTRIS-TEST-01 -- (21 of 22 verified)
BTRIS-TEST-02 -- (12 of 31 verified)
BTRIS-TEST-04 -- All 20 verified
CGD
CGD - KM
CGD/Jobs - CS
monoMAC
Test with spaces
Test-List2

Select all Deselect

Report Format
Standard Format

(Optional) Please click "Search" to find and

Search

(Optional) Please enter Collected Date range

From: Jan 1, 2012 To:

(Optional) Please enter Range for Numeric Values

From: To:

(Optional) Please enter the number of days relative to subject Initial Consent Date

Research Entities Dictionary

magnesium X Search

Search Type: Contains all of these keywords

Search results retrieved: 131

- Magnesium Test
 - Total Magnesium Intravascular Test
 - Magnesium Urine Test
 - Ionized Magnesium Intravascular Test
 - Magnesium Cerebrospinal Fluid
- Mineral Four-Component (Calcium, Magnesium Panel)
 - Magnesium Intravascular Panel
 - Magnesium Urine Panel
 - Magnesium Cerebrospinal Fluid

<< PREV 1 NEXT >>

Remove All

Selections

- Magnesium Urine Test
- Ionized Magnesium Intravascular Test

Return to Report

- Search for test names (entered “magnesium” here).
- Select desired tests (displayed in the list below).
- Click “Return to Report” when all desired tests are selected.

Laboratory Report Prompt Page

Laboratory Report

Select Protocol Number (s) and Report Format first (mandatory). All other prompts are optional. After completing desired pro

[Cancel](#) [Run Report](#)

Please select one or more Protocol Number(s)The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#)

AGH

BTRIS-TEST-00 -- (33 of 35 verified)

BTRIS-TEST-01 -- (21 of 22 verified)

BTRIS-TEST-02 -- (12 of 31 verified)

BTRIS-TEST-04 -- All 20 verified

CGD

CGD - KM

CGD/Jobs - CS

monoMAC

Test with spaces

Test-List2

[Select all](#) [Deselect all](#)

(Optional) Please Click 'Subject List' to Display and Sele

Subject List

Report Format

Standard Format

(Optional) Please click "Search" to find and select Labs

Search

Remove All

Selections

X

Magnesium Urine Test

X

Ionized Magnesium Intravascular Test

(Optional) Please enter Collected Date range

From: Jan 1, 2012 To:

(Optional) Please enter Range for Numeric Values

- Test names are now included on the prompt page.
- Click "Run Report".

Laboratory Report

Save Report



Close

Re-Prompt

Laboratory Report

My Selection(s):

Protocol(s):	BTRIS-TEST-01 -- (21 of 22 verified)
Lab(s):	Magnesium Urine Test, Ionized Magnesium Intravascular Test
Collected Date Range:	From: All Dates To: Current Date
Days Range relative to Subject Initial Consent Date:	From: All Days To: All Days
Value Range:	From: All Values To: All Values

Report Format

Standard Format


Subject Count: 2




Record Count: 14

Protocol Number	MRN	Subject Name	Order Name	Collected Date Time	Observation Name						
BTRIS-TEST-01	4122306	NIHCCTEST, PATIENTBI OPD	Chem 2, WB, Venous, OR	Oct 13, 2006 11:12:00 AM	Ionized Magnesium, WB, Ven						
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Magnesium, Urine	Sep 7, 2008 11:07:00 AM	Magnesium, Urine						
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Magnesium, Random Urine	Oct 14, 2008 3:21:00 PM	Magnesium, Random Urine						
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Magnesium, Timed Urine	Oct 14, 2008 3:24:00 PM	Magnesium, Urine						
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Magnesium, Timed Urine	Oct 14, 2008 3:24:00 PM	Magnesium Excretion	9.32	H		mmol/24h	3.00-4.25	CC-Labs
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Chem 2, WB, Arterial, OR	Feb 4, 2010 10:25:00 AM	Ionized Magnesium, WB, Art	0.60			mmol/L	0.44-0.60	CC-Labs
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Ionized Magnesium, WB, Ven	Sep 18, 2010 2:42:00 PM	Ionized Magnesium, WB, Ven	0.65			mmol/L		CC-Labs
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Magnesium, Timed Urine	Sep 18, 2010 3:01:00 PM	Magnesium, Urine	1.80			mmol/L		CC-Labs
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Magnesium, Timed Urine	Sep 18, 2010 3:01:00 PM	Magnesium Excretion	3.60			mmol/24h	3.00-4.25	CC-Labs
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Chem 2, WB, Venous, OR	Sep 8, 2011 7:32:00 AM	Ionized Magnesium, WB, Ven	0.50			mmol/L	0.44-0.60	CC-Labs
BTRIS-TEST-01	4224188	TEST, PATIENT LAB INPATIENT	Chem 2, WB, Arterial, OR	Sep 8, 2011 7:32:00 AM	Ionized Magnesium, WB, Art	see below		Cannot be calculated.	mmol/L	0.44-0.60	CC-Labs

- This is the Lab Test Results Report.
- Note that this report is in "standard format".

Laboratory Report Format

 [Close](#) [Re-Prompt](#)


[Save Report](#)   

Laboratory Report

My Selection(s):

Protocol(s):	BTRIS-TEST-01 -- (21 of 22 verified)
Lab(s):	Magnesium Urine Test, Ionized Magnesium Intravascular Test
Collected Date Range:	From: All Dates To: Current Date
Days Range relative to Subject Initial Consent Date:	From: All Days To: All Days
Value Range:	From: All Values To: All Values

Report Format


* [Crosstab Format \(Numeric Values by Day\)](#) 

The output displayed includes only true numeric values. Values such as <, >, -, 1-5 will not be displayed.

Subject Name, MRN, Collected Date Time	Ionized Magnesium, WB, Ven	Magnesium, Urine	Magnesium, Serum
NIHCCTEST, PATIENTBI OPD 4122306 2006-10-13	0.77		
TEST, PATIENT LAB INPATIENT 4224188 2008-09-07		6	
TEST, PATIENT LAB INPATIENT 4224188 2008-10-14		5	
TEST, PATIENT LAB INPATIENT 4224188 2010-02-04			
TEST, PATIENT LAB INPATIENT 4224188 2010-09-18	0.65	1.8	
TEST, PATIENT LAB INPATIENT 4224188 2011-09-08	0.5		
TEST, PATIENT LAB INPATIENT 4224188 2011-11-04	0.6		

• You can select other formats, like “Crosstabs” to change the report from rows to columns.

Downloading Laboratory Results


Close Re-Prompt

Save Report
View in HTML Format
View in PDF Format
View in XML Format
View in Excel Options

Laboratory Report

My Selection(s):

Protocol(s):	BTRIS-TEST-01 -- (21 of 22 verified)
Lab(s):	Magnesium Urine Test, Ionized Magnesium Intravascular Test
Collected Date Range:	From: All Dates To: Current Date
Days Range relative to Subject Initial Consent Date:	From: All Days To: All Days
Value Range:	From: All Values To: All Values

View in Excel 2007 Format
View in Excel 2002 Format
View in CSV Format

View in HTML Format
View in PDF Format
View in XML Format
View in Excel Options

Report Format
 * Crosstab Format (Numeric Values by Day)

The output displayed includes only true numeric values. Values such as <, >, -, 1-5 will not be displayed.

Subject Name, MRN, Collected Date Time	Ionized Magnesium, WB, Ven	Magnesium, Urine	Magnesium
NIHCCTEST, PATIENTBI OPD 4122306 2006-10-13	0.77		
TEST, PATIENT LAB INPATIENT 4224188 2008-09-07		6	
TEST, PATIENT LAB INPATIENT 4224188 2008-10-14		5	
TEST, PATIENT LAB INPATIENT 4224188 2010-02-04			
TEST, PATIENT LAB INPATIENT 4224188 2010-09-18	0.65	1.8	
TEST, PATIENT LAB INPATIENT 4224188 2011-09-08	0.5		
TEST, PATIENT LAB INPATIENT 4224188 2011-11-04	0.6		

- Use the pull-down menu to select a format for downloading results to your computer

Downloading Laboratory Results

Laboratory.xlsx [Read-Only] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

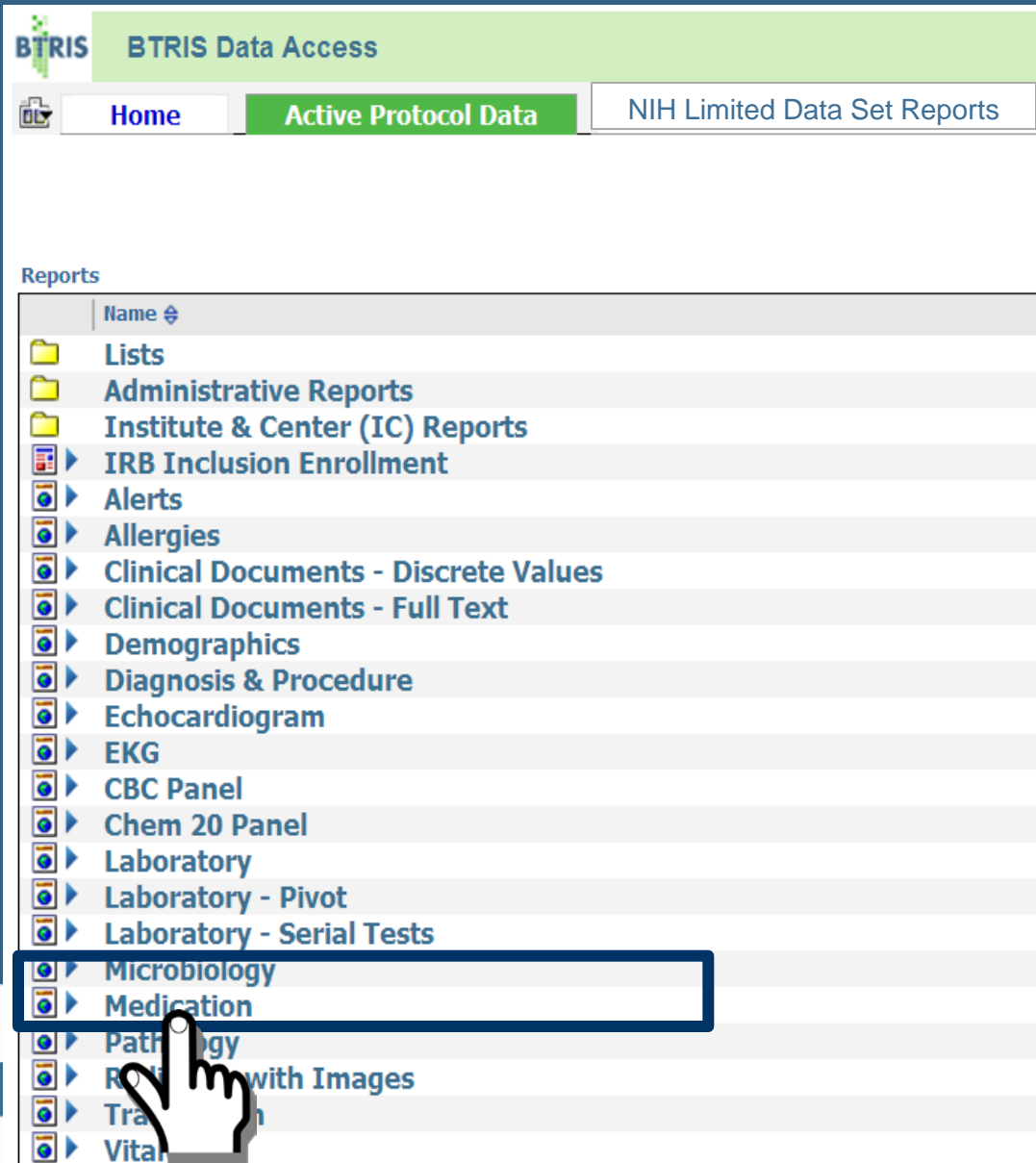
Clipboard Font Alignment Number Styles Cells AutoSum

L35

	A	B	C	D	E	F	G	H	I	J
1	Laboratory Report									
2										
3	My Selection(s):									
4	Protocol(s):					BTRIS-TEST-01 -- (21 of 22 verified)				
5	Lab(s):					Magnesium Urine Test, Ionized Magnesium Intravascular Test				
6	Collected Date Range:					From: All Dates To: Current Date				
7	Days Range relative to Subject Initial Consent Date:					From: All Days To: All Days				
8	Value Range:					From: All Values To: All Values				
9	Report Format									
10	The output displayed includes only true numeric values. Values such as <, >, -, 1-5 will not be included in the result.									
11	Subject Name, MRN, Collected Date Time				Ionized Magnesium, WB, Ven	Magnesium, Urine	Magnesium Excretion	Magnesium, Random Urine	Ionized Magnesium, WB, Art	
12		NIHCCTEST, PATIENTBI OPD	4122306	2006-10-13	0.77					
13		TEST, PATIENT LAB INPATIENT	4224188	2008-09-07		6				
14		TEST, PATIENT LAB INPATIENT	4224188	2008-10-14		5	9.32	0		
15		TEST, PATIENT LAB INPATIENT	4224188	2010-02-04						0.6
16		TEST, PATIENT LAB INPATIENT	4224188	2010-09-18	0.65	1.8	3.6			
17		TEST, PATIENT LAB INPATIENT	4224188	2011-09-08	0.5					
18		TEST, PATIENT LAB INPATIENT	4224188	2011-11-04	0.6					
19	Generated by BTRIS on Jul 20, 2012				1				4:02:03 PM	

- Here are the results downloaded into Excel

Run a Medication Report



- From the “*Active Protocol*” tab select the Medication Report

Medication Report Prompt Page

Medication Report

Select "Protocol Number (s)" first (mandatory). All other prompts are optional. After completing desired prompts, click "Run Report" to begin running report.

CURRENT MEDICATIONS - To search for medications from September 2004 to present, use specific medication names / classes to conduct a search.

HISTORIC MEDICATIONS - Historic medications from MIS are in BTRIS but not yet categorized or coded. To search for medications (ordered) prior to August 2004, enter the term "MIS" into the RED search. Then select the term 'MIS Pharmaceutical Item'. The query will return all MIS medications for each subject. After downloading the report, filter for the specific meds needed.

Cancel

Run Report

Please Select One or More Protocol Number(s) The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#)

(Optional) Please Click 'Subject List' to Display and Select One or More Subject(s)/MRN(s)

Subject List

* AGH
BTRIS-TEST-00 -- (33 of 35 verified)
BTRIS-TEST-01 -- (21 of 22 verified)
BTRIS-TEST-02 -- (12 of 31 verified)
BTRIS-TEST-04 -- All 20 verified
CGD
CGD - KM
CGD/Jobs - CS
monoMAC
Test with spaces
Test-List2

[Select all](#) [Deselect all](#)

- Select the protocol.
- Select "Search" to look for medication terms in the dictionary.

Report Output [Using Lifelines](#)

* Medication Orders

(Optional) Please click "Search" to find and select Medications

Search

(Optional) Please Select a Date Range for the Medication Orders or Medication Orders (Detail)

From: To:

(Optional) Please Select a Date Range for the Medication Administration

From: To:

(Optional) Please enter the number of days relative to subject Initial Consent Date

Start: End:

Searching the Dictionary

The screenshot displays the 'Research Entities Dictionary' search interface. At the top, a search bar contains the text 'gentamicin|'. To the right of the search bar is a blue 'X' icon and a 'Search' button. Below the search bar, the 'Search Type' is set to 'Contains all of these keywords'. A blue arrow points from the search bar to the 'Search' button. Below the search bar, the text 'Search results retrieved: 63' is displayed. A list of search results is shown, with 'Gentamicin Preparation' highlighted in green. A blue arrow points from the 'Gentamicin Preparation' entry in the list to the 'Remove All' button. Below the list, there are navigation buttons: '<< PREV', '1', and 'NEXT >>'. At the bottom, there is a 'Selections' section with a 'Remove All' button and a green box containing 'Gentamicin Preparation'. Below the 'Selections' section, there is a 'Search' button. At the bottom of the interface, there are fields for 'From:', 'To:', and 'Start:'.

Research Entities Dictionary

gentamicin| X Search

Search Type: Contains all of these keywords

Search results retrieved: 63

- Gentamicin Preparation
 - Gentamicin Pure Preparation
 - Gentamicin Injectable Preparation
 - Gentamicin Preparation Unspecified
 - Gentamicin Ophthalmic Preparation
 - Gentamicin Topical Preparation
 - Gentamicin Pediatric Preparation
 - Gentamicin Oral Preparation
 - Gentamicin Aerosol Preparation
 - Gentamicin Combination Preparation
 - Gentamicin/Vancomycin Combination Preparation

<< PREV 1 NEXT >>

Remove All X Selections Gentamicin Preparation

Search

From: To: Start: End:

- Search for medication names (entered “gentamicin” here).
- Select desired medication class (displayed in the list below).
- Click “Return to Report” when all desired tests selected.

Medication Report Prompt Page

Medication Report

Select "Protocol Number (s)" first (mandatory). All other prompts are optional. After completing desired prompts, click "Run Report" to begin running report.

CURRENT MEDICATIONS - To search for medications from September 2004 to present, use specific medication names / classes to conduct a search.

HISTORIC MEDICATIONS - Historic medications from MIS are in BTRIS but not yet categorized or coded. To search for medications (ordered) prior to August 2004, enter the term "MIS" into the RED search. Then select the term 'MIS Pharmaceutical Item'. The query will return all MIS medications for each subject. After downloading the report, filter for the specific meds needed.

Cancel

Run Report

Please Select One or More Protocol Number(s) The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#)

(Optional) Please Click 'Subject List' to Display and Select One or More Subject(s)/MRN(s)

Subject List

AGH
BTRIS-TEST-00 -- (33 of 35 verified)
BTRIS-TEST-01 -- (21 of 22 verified)
BTRIS-TEST-02 -- (12 of 31 verified)
BTRIS-TEST-04 -- All 20 verified
CGD
CGD - KM
CGD/Jobs - CS
monoMAC
Test with spaces
Test-List2

[Select all](#) [Deselect all](#)

Report Output

[Using Lifelines](#)

* Medication Orders

(Optional) Please click "Search" to find and select Medications

Search

Remove All

Selections

Gentamicin Preparation

(Optional) Please Select a Date Range for the Medication Orders or Medication Orders (Detail)

From: To:

(Optional) Please Select a Date Range for the Medication Administration

From: To:

- Medication name now included on the prompt page.
- Click "Run Report".

Medication Report

[Close](#)[Re-Prompt](#)[Save Report](#)

Medication Report

My Selection(s):

Protocol(s) selected:	BTRIS-TEST-01 -- (21 of 22 verified)
Medication Class(es) selected:	Gentamicin Preparation
Order Date Range selected:	From: All Dates To: Current Date
Administration Date Range selected:	From: All Dates To: Current Date
Number of Days Range selected:	From: All Days To: All Days

Report Output

* Medication Orders

• Medication results

Subject Count: 2

Record Count: 6

Protocol Number	MRN	Subject Name	Medication Name	Order ID	Order Date / Start Date	Initial Consent Date	Data Source
BTRIS-TEST-01	3981770	NIHCCTEST, PATIENTBO MIS	Gentamicin Infusion	001NMN369			CC-CRIS
BTRIS-TEST-01	3981770	NIHCCTEST, PATIENTBO MIS	Gentamicin Infusion	001NGD977	Dec 1, 2005 3:00:00 PM		CC-CRIS
BTRIS-TEST-01	3981770	NIHCCTEST, PATIENTBO MIS	Gentamicin Infusion	001NMN250	Dec 23, 2005 10:00:00 AM		CC-CRIS
BTRIS-TEST-01	3981770	NIHCCTEST, PATIENTBO MIS	Gentamicin Infusion	001NMN255	Dec 24, 2005 11:00:00 AM		CC-CRIS
BTRIS-TEST-01	3981770	NIHCCTEST, PATIENTBO MIS	Gentamicin Infusion	001PNN153	Mar 21, 2006 4:42:43 PM		CC-CRIS
BTRIS-TEST-01	3623816	TEST, PATIENT GE DRD	Gentamicin Infusion	001GDQ040	Aug 27, 2004 2:21:00 PM		CC-CRIS

Run a Radiology Report

BTRIS BTRIS Data Access

Home Active Protocol Data NIH Limited Data Set Reports

Reports

Name
Lists
Administrative Reports
Institute & Center (IC) Reports
IRB Inclusion Enrollment
Alerts
Allergies
Clinical Documents - Discrete Values
Clinical Documents - Full Text
Demographics
Diagnosis & Procedure
Echocardiogram
EKG
CBC Panel
Chem 20 Panel
Laboratory
Laboratory - Pivot
Laboratory - Serial Tests
Microbiology
Medication
Pathology
Radiology with Images
Transcription
Vital

- From the “*Active Protocol*” tab select the Radiology with Images report

Radiology Report Prompt Page

Radiology with Images Report

Select required prompts: Protocol Number and Report Format first. All other prompts are optional. After completing desired prompts, click "Run Report" to begin running report.

Cancel

Run Report

Please select one or more Protocol Number(s) The number in () indicates the verified subjects in the protocol. Reports will include data on ONLY verified subjects. You can verify, exclude or add subjects in [BTRIS Preferences](#)

* 08-H-0108 -- (268 of 269 verified)
09-CC-N202 -- All 1561 verified
93-I-0119 -- (1435 of 1479 verified)
AGH
BTRIS-TEST-00 -- (33 of 35 verified)
BTRIS-TEST-01 -- (21 of 22 verified)
BTRIS-TEST-02 -- (12 of 31 verified)
BTRIS-TEST-04 -- All 20 verified
CGD
CGD - KM
CGD/Jobs - CS

[Select all](#) [Deselect all](#)

(Optional) Please Click 'Subject List' to Display and Select One or More Subject(s)/MRN(s)

Subject List

- Select the protocol.
- Run the report.

Report Format [Using Lifelines](#)

* Standard Format

(Optional) Please click "Search" to find and select Radiology Tests

Search


(Optional) Please Select a Date Range for the Radiology Tests





From:

To:

(Optional) Please enter the number of days relative to subject Initial Consent Date

Radiology Report



 Save Report   

Radiology with Images Report

My Selection(s):

Protocol(s):	BTRIS-TEST-01 -- (21 of 22 verified)
Radiology Test(s):	All Radiology Tests
Test Date Range:	From: All Dates To: Current Date
Days Range relative to Subject Initial Consent Date:	Start: All Days End: All Days
Report Text Value	No search text values entered

Report Format

*

Subject Count: 7
Record Count: 425

Protocol Number	MRN	Subject Name	Result Date	Test Name	
BTRIS-TEST-01	4026809	CCNIHTEST, PATIENTBL MIS	Nov 17, 2005 8:47:39 AM	CT Chest	Exam: CT Chest Report: 10-19-05 test from test tset test 10-19 _test test test test from new tset tesfir morf 24esrdda 42.57747.4 test from ORMI computer using 245.74 address update from 2c600 suite lan drop360 test test update test from nmdpet 97.98 - rebuilt PC This is a test from the new micrm remote access computer - RW Dictated By: Radiologist, Test Signed By: Test Radiologist Signed Date: 11/17/2005 08:47 Transcribed By: Sanford, David C Transcribed Date: 09/09/2005 19:59 More Info: 2038993708
BTRIS-TEST-01	4026809	CCNIHTEST, PATIENTBL MIS	Sep 2, 2005 10:54:01 AM	DX Chest - Single View	Exam: Exam Date: Accession #: DX0515532 DX Chest - Single View 9/2/05 DX-05-15532 Report: Isjdfi;kjaslkfjowoiwlanasikdjflkjaslfsdal Dictated By: Choyke, Peter L. M.D. Signed By: Peter L. Choyke, M.D. Signed Date: 09/02/2005 10:54 Transcribed By: Sanford, David C Transcribed Date: 09/02/2005 10:53 More Info: 2038971268
BTRIS-TEST-01	4026809	CCNIHTEST, PATIENTBL MIS	Sep 2, 2005 10:54:01 AM	DX Chest - Single View	Exam: Exam Date: Accession #: DX0515532 DX Chest - Single View 9/2/05 DX-05-15532 Report: Isjdfi;kjaslkfjowoiwlanasikdjflkjaslfsdal Dictated By: Choyke, Peter L. M.D. Signed By: Peter L. Choyke, M.D. Signed Date: 09/02/2005 10:54 Transcribed By: Sanford, David C Transcribed Date: 09/02/2005 10:53 More Info: 2038971268

- Radiology results report.
- Click on hyperlinks to get images.




Radiology Image Viewer

The screenshot displays the RemotEye application window. The title bar reads "RemotEye". The menu bar includes "Exit", "Load", "Save / Export", "Report", "Print", "Settings...", "Help", and "About...". Below the menu bar is a toolbar with various icons. A yellow arrow points to the download icon (a blue square with a white downward arrow). The main display area shows an ultrasound image of an abdomen. Text on the left indicates "Zoom: 55.4%". Text on the right includes "LONG SPL", "4V1-S", "130mm", "Abdomen", "Compound Soft", "85dB", "S1/ 0/4/ 3", "Gain= 7dB", "Δ=2", "Store in progress", and "Dist = 9.94cm". At the bottom left, patient information is displayed: "Ref Phys: RABEL, ANTOINETTE C", "St: US Abdomen", "Se:", and "W: 256, L: 128". At the bottom right, there are buttons for "Text 1&2", "Delete Word", "Home Set", and "Home".
























- Radiology images can be viewed and downloaded.

Many Other Reports

BTRIS BTRIS Data Access

 [Home](#) [Active Protocol Data](#) [NIH Limited Data Set Reports](#)

Reports

	Name
	Lists
	Administrative Reports
	Institute & Center (IC) Reports
	▶ IRB Inclusion Enrollment
	▶ Alerts
	▶ Allergies
	▶ Clinical Documents - Discrete Values
	▶ Clinical Documents - Full Text
	▶ Demographics
	▶ Diagnosis & Procedure
	▶ Echocardiogram
	▶ EKG
	▶ CBC Panel
	▶ Chem 20 Panel
	▶ Laboratory
	▶ Laboratory - Pivot
	▶ Laboratory - Serial Tests
	▶ Microbiology
	▶ Medication
	▶ Pathology
	▶ Radiology with Images
	▶ Transfusion
	▶ Vital Signs

We hope you'll
try them all!

More Information

BTRIS Web Site: <http://btris.nih.gov>

Jim Cimino: ciminoj@cc.nih.gov